

WINDSHIELD WASHER PUMP REPLACEMENT PROCEDURE

Instructions

Note: On some vehicles with a rear window washer, there are two pumps mounted onto the reservoir. Determine which of these two pumps needs replacement before disconnecting.

1. Locate the windshield washer fluid reservoir.
2. Locate the washer pump installed on the reservoir.
3. Disconnect electrical connections.
4. Disconnect washer pump hose.
5. Remove reservoir from vehicle.
6. Remove pump by firmly pulling away from reservoir.
7. Remove rubber boot seal from reservoir if it did not come out with the pump.
8. Flush and clean reservoir.
9. Install new rubber boot seal onto pump, if included.
10. Install new pump by firmly pushing into reservoir.
11. Fill reservoir and check for leaks.
12. Re-install the reservoir on the vehicle.
13. Reconnect electrical connectors and hoses. If electrical connections are different, see splicing instructions section. If the old pump hose connection is larger, use the enclosed adapter hose and reducer.
14. Fill reservoir and test operation.

CAUTION: Ensure reservoir is full of solution. Do not run pump without solution.

IMPORTANT

For satisfactory operation and extended life, the following steps should be taken.

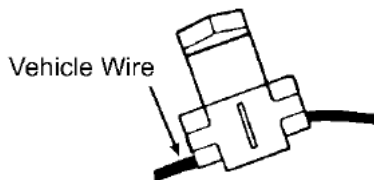
1. Inspect old hoses, replace cracked or hardened hose(s).
2. Remove and clean old reservoir. Refill with washer solvent or washer antifreeze.
3. Check nozzles for clogging. Clean with sharp needle, to remove sand or grease accumulation.

If Your Pump Does Not Operate After Proper Installation

1. Check electrical connections. If corroded, clean with a point file or emery cloth.
2. If the pump does not pump solution, turn the pump “on” for 3-5 seconds, then “off” for 3-5 seconds. Repeat turning the pump “on” and “off” 4 to 6 times. If solution is not pumping, turn off the pump for 2 minutes to allow the motor to cool and check hoses for restrictions.

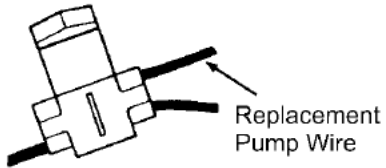
Splicing Instructions

1. Identify vehicle positive (+) and negative (-) wires. Usually red is (+) and black is (-).

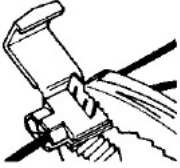


2. Positive terminal is marked on the new replacement pump.
3. Insert (+) or (-) wire on vehicle into splicer channel.

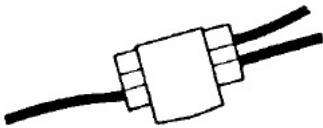
4. Insert wire from replacement pump wire harness into the other splicer channel. Red is (+) and black is (-).



5. Use pliers to press splicer tab onto wires.



6. Fold cover over and clip in place.



7. Repeat with remaining wire.